

Converting Colors

YUV(70.7470, 7.0267, -13.8101)

Have a look what the booklet for
YUV(70.7470, 7.0267, -13.8101)
contains.

YUV(70.7470, 7.0267, -13.8101)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(70.7470, 7.0267,
-13.8101)**

Conversions

Conversions Part 1

Format	Color
Hex	374C55
RGB	55, 76, 85
RGB Percent	22%, 30%, 33%
CMY	0.7843, 0.7020, 0.6667
CMYK	0.35, 0.11, 0.00, 0.67
HSL	198°, 21%, 27%
HSV	198°, 35%, 33%
XYZ	5.7997, 6.6370, 9.5697
YIQ	70.7470, -15.4050, -1.6530

Conversions

Conversions Part 2

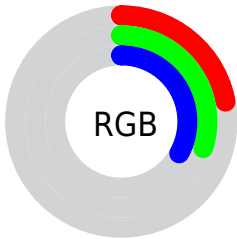
Format	Color
R_{YB}	55, 67, 85
Decimal	3624021
CIE _{Lab}	30.97, -5.59, -7.95
CIE _{LCh}	31, 9.718, 234.860
Yxy	6.6370, 0.2635, 0.3016
Android (android.graphics.Color)	4281814101 (0xFF374C55)
YUV	70.7470, 7.0267, -13.8101
Hunter-Lab	25.7623, -4.8997, -3.9903

Details

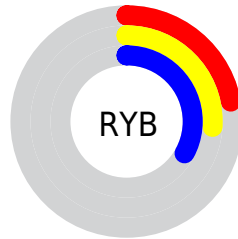
The YUV color **70.7470, 7.0267, -13.8101** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **69.2530, -7.0267, 13.8101**, and the grayscale version is **71.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **119.5620, 7.6109, -14.5249**, and **26.3340, 6.7373, -14.3249** is the 20% darker color. If you saturate the color by 10%, you get **66.5940, 9.0742, -17.1839**, and if you desaturate by 10%, it is **74.9000, 4.9793, -10.4363**.

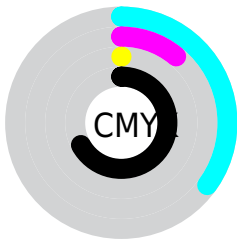
Distribution



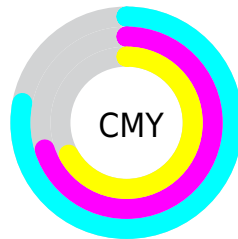
- Red (22%)
- Green (30%)
- Blue (33%)



- Red (22%)
- Yellow (26%)
- Blue (33%)



- Cyan (35%)
- Magenta (11%)
- Yellow (0%)
- Black (67%)



- Cyan (78%)
- Magenta (70%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 70.7470, 7.0267, -13.8101 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 70.7470, 7.0267, -13.8101 by changing the saturation by 10% instead.

■ 70.7470, 7.0267,
-13.8101

■ 70.7470, 7.0267,
-13.8101

■ 255.0000, 0.0000,
0.0000

■ 47.7470, 7.0267,
-13.8101

■ 119.5620, 7.6109,
-14.5249

■ 26.3340, 6.7373,
-14.3249

■ 145.2630, 7.7583,
-15.1397

■ 6.9760, 6.4208,
-6.1180

■ 171.6760, 8.0477,
-14.6249

■ 0.0000, 0.0000,
0.0000

■ 199.3770, 8.1951,
-15.2396

■ 227.0780, 8.3425,
-15.8544

■ 249.9170, 2.5059,

-10.4512

■ 70.7470, 7.0267,
-13.8101

■ 70.7470, 7.0267,
-13.8101

■ 66.5940, 9.0742,
-17.1839

■ 74.9000, 4.9793,
-10.4363

■ 62.7290, 10.9796,
-21.6873

■ 78.7650, 3.0739,
-5.9329

■ 58.5760, 13.0270,
-25.0612

■ 82.9180, 1.0264,
-2.5591

■ 54.7110, 14.9325,
-29.5645

■ 86.7830, -0.8790,
1.9443

■ 50.5580, 16.9799,
-32.9384

■ 91.2350, -3.0739,
5.9329

■ 46.6930, 18.8854,
-37.4418

■ 94.8010, -4.8319,
9.8215

■ 44.3230, 20.0538,
-38.8713

■ 98.9540, -6.8793,
13.1953

■ 102.8190, -8.7848,
17.6987

■ 107.2710,
-10.9796, 21.6873

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



70.0520, 4.4114, -14.9546



70.7470, 7.0267, -13.8101



72.3070, 7.7366, -8.1622

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



70.7470, 7.0267, -13.8101



74.3650, -0.1799, 11.0809



71.6920, -6.2572, 0.2701

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



70.7470, 7.0267, -13.8101



69.2530, -7.0267, 13.8101

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



72.7960, -7.2944, 6.3179



70.7470, 7.0267, -13.8101



74.1650, -3.5323, 13.0103

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



70.7470, 7.0267, -13.8101



74.3690, 3.7621, 6.6924



73.1710, -6.0003, 11.2510



70.7450, -3.3253, -6.7924

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



70.7470, 7.0267, -13.8101



72.8130, 6.9942, -3.3440



73.1710, -6.0003, 11.2510



72.4750, -7.1362, 2.2144

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



70.7470, 7.0267, -13.8101



104.0640, 2.9264, -5.3181



73.6360, -4.7505, -16.3438



52.7330, 1.6106, -3.2738



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



70.7470, 7.0267, -13.8101



88.0280, 10.8322, -21.0726



61.9420, 11.3676, -6.0881



41.2170, 0.8790, -1.9443



56.2230, 25.0331, -49.3076



123.0580, 55.1874, -107.9219

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



66.3640, 4.7505, 16.3438



81.4020, 7.1968, 25.0804



78.0580, -11.3676, 6.0881



40.5380, 0.7208, 2.1592



40.5430, 16.9873, 58.2828



88.9610, 36.9942, 128.0762

Previews

White Background



This preview shows how the YUV color 70.7470, 7.0267, -13.8101 looks on a white background.

Color Contrast Check

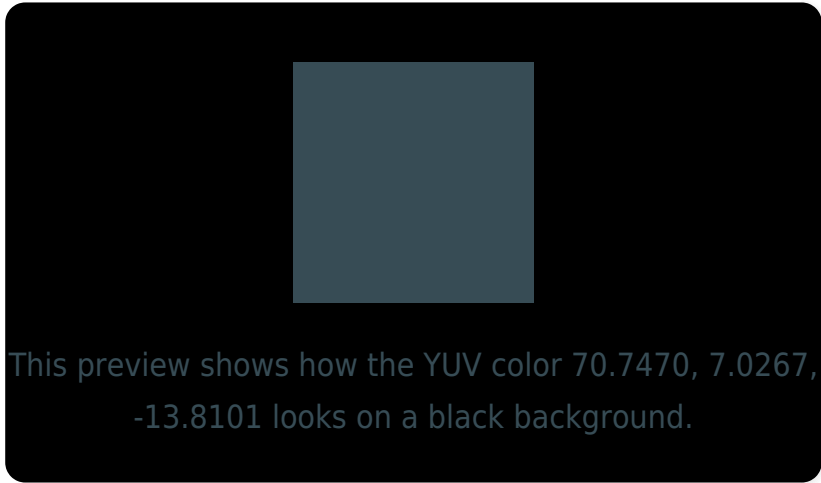
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

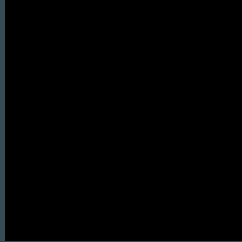
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 70.7470, 7.0267, -13.8101

Background



This preview shows how black text looks on a background with the YUV color 70.7470, 7.0267, -13.8101.



This preview shows how white text looks on a background with the YUV color 70.7470, 7.0267, -13.8101.

-13.8101.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

70.7470, 7.0267, -13.8101

Protanopia

72.8410, 4.5154, -1.6146

Deuteranopia

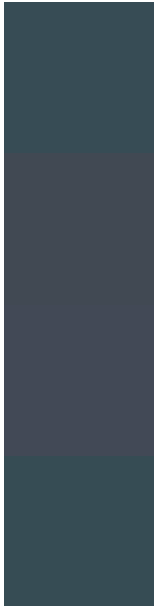
73.3080, 6.2572, -0.2701



Tritanopia

70.2200, 6.3005, -14.2249

Trichromacy



Original Color

70.7470, 7.0267, -13.8101

Protanomaly

71.7480, 5.5472, -5.9180

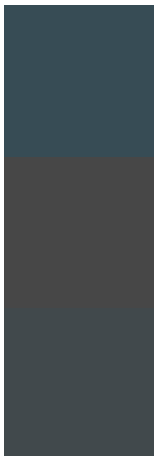
Deuteranomaly

72.3890, 6.7102, -5.6032

Tritanomaly

70.3340, 6.7373, -14.3249

Monochromacy



Original Color

70.7470, 7.0267, -13.8101

Achromatopsia

71.0000, 0.0000, 0.0000

Achromatomaly

70.9500, 2.4896, -5.2182

CSS Examples

Text

The CSS property to change the color of the text to YUV 70.7470, 7.0267, -13.8101 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(55, 76, 85)` looks like.

```
.text, #text, p{  
    color:rgb(55, 76, 85)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(55, 76, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 76, 85) }
```

Border

The CSS property to change the border of an element to YUV 70.7470, 7.0267, -13.8101 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(55, 76, 85) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(55, 76, 85) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(55, 76, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 76, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 76, 85);  
box-shadow:4px 4px 4px 4px rgb(55, 76, 85)  
}
```

Background

The CSS property to change the background color of an element to YUV 70.7470, 7.0267, -13.8101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 76, 85) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(55, 76,  
85) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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